



3721

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: Thomas Patterson Hartness, et al.

Examiner: Louis K. Huynh

Serial No. 10/068,601

Group Art Unit: 3721

Filed: 02/05/2002

For: CONTINUOUS CIRCULAR MOTION
CASE PACKING AND DEPACKING
APPARATUS AND METHOD

Docket No. HIE10C1

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED
SEP 09 2003
TECHNOLOGY CENTER R3700

Dear Sir:

Transmittal Letter

Please find the following correspondence items enclosed for filing in the United States Patent and Trademark Office:

1. Information Disclosure Statement with attached Form 1449.
2. Return receipt postcard.

Very truly yours,

Cort Flint, Registration No. 27,260
McNair Law Firm, P.A.
P.O. Box 10827
Greenville, S.C. 29603-0827
Telephone: (864) 232-4261
Attorneys for the Applicant

I hereby certify that this correspondence is being delivered to Mail Stop Non-Fee Amendment Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, by placing same in first class U.S. mail, postage prepaid, on the date indicated below.

By: Hayle Myers

Date: September 5, 2003



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: Thomas Patterson Hartness, et al.

Serial No. 10/068,601

Filed: 02/05/2002

For: CONTINUOUS CIRCULAR MOTION
CASE PACKING AND DEPACKING
APPARATUS AND METHOD

Group Art Unit: 3721

RECEIVED
SEP 09 2003
TECHNOLOGY CENTER R3700

Docket No.: HIE10C1

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.98**

Pursuant to applicant's duty of disclosure under 37 CFR 1.56 and 1.98, please find enclosed Form PTO-1449 with patents listed. Only copies of the patents denoted by an Asterisk are being submitted with this statement pursuant to 37 CFR 1.98(d).

The patents denoted by a (1) on Form PTO-1449 were submitted to the Patent Office in application serial no. 09/418,619, filed October 15, 1999, entitled Continuous Circular Motion Case Packing And Depacking Apparatus And Method, which is a continuation-in part of application serial no. 09/301,394, filed April 28, 1999, entitled Continuous Motion Case Packing Apparatus And Method, which is now U.S. Patent 6,571,532 B1. and which is a continuation-in-part of application serial no. 09/137,327, filed August 20, 1998, The patents denoted by a (2) on Form PTO-1449 were filed in application serial no. 09/301,394. Those patents denoted by a (3) on Form PTO-1449 were filed in application serial no. 08/736,376, filed October 24, 1996, which is now

U.S. Patent 5,797,249, which is a continuation of application serial no. 08/338,026.

The patents denoted by a (4) were submitted to the Post Office in application serial no. 08/338,026, filed November 10, 1994, which is not U.S. Patent 5,588,282, and which are relied upon for priority under 35 USC 120. A copy of each of the prior Forms PTO-1449 is attached herewith.

Applicant requests that the listed patents be printed on the face of the issued patent.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Cort Flint", is written over the typed name.

Cort Flint, Registration No. 27,260
McNair Law Firm, P.A.
P.O. Box 10827
Greenville, S.C. 29603-0827
Telephone: (864) 232-4261
Attorneys for the Applicant

SEP 08 2003

SEP 08 2003

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet one

of three

Complete if Known

Application Number	10/068,601
Filing Date	02/05/2002
First Named Inventor	Hartness, Thomas P.
Art Unit	3721
Examiner Name	
Attorney Docket Number	HIE10C1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 1,481,259 (2)		Harrison	
		US- 1,538,406 (2)		McCarty et al.	
		US- 1,583,767 (2)		Akins et al..	
		US- 1,958,846 (1)		Christensen	
		US- 2,277,688 (4)		Cattonar et al.	
		US- 2,350,692 (2)		Milek	
		US- 2,730,279 (2)		Enock	
		US- 2,760,316 (2)		Okulitch et al.	
		US- 2,807,125 (1)		George	
		US- 2,860,763 (1)		Kohrs et al.	
		US- 3,012,811 (2)		Sandrock	
		US- 3,327,450 (1)		Carter	
		US- 3,410,050 (1)		Bell	
		US- 3,505,787 (4)		Tiews	
		US- 3,553,927 (3)		Anglade, Jr.	
		US- 3,553,932 (4)		Rowekamp	
		US- 3,555,770 (2)		Rowekamp	
		US- 3,555,773 (2)		Rowekamp	
		US- 3,648,427 (2)		Raudat et al.	

RECEIVED

SEP 09 2003

TECHNOLOGY CENTER R3700

FOREIGN PATENT DOCUMENTS

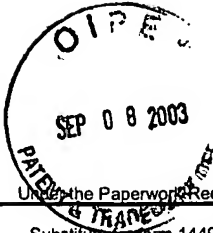
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet Two of Three**Complete if Known**

Application Number	10/068,601
Filing Date	02/05/2002
First Named Inventor	Hartness, Thomas P.
Art Unit	3721
Examiner Name	
Attorney Docket Number	HIE10C1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,727,366 (2)		Schlueter et al.	
		US- 3,780,492 (1)		Corderoy	
		US- 3,805,476 (3)		Kawamura et al.	
		US- 3,971,190 (2)		McGill	
		US- 4,055,943 (3)		Reichert	
		US- 4,215,521 (4)		Hartness	
		US- 4,294,057 (4)		Winiasz	
		US- 4,300,330 (2)		Hartness	
		US- 4,446,672 (2)		Raudat	
		US- 4,457,121 (4)		Johnson et al.	
		US- 4,541,524 (4)		McGill et al.	
		US- 4,587,792 (4)		Hartness et al.	
		US- 4,723,649 (4)		Hartness et al.	
		US- 5,212,930 (4)		Raudat	
		US- 5,257,888 (3)		Kronseder	
		US- 5,313,764 (4)		Kronseder	
		US- 5,375,395 (1)		Ingram et al.	
		US- 5,487,257 (2)		Domeier et al.	
		US- 5,501,064 (1)		Ingram et al.	

RECEIVED
SEP 09 2003
TECHNOLOGY CENTER R3700

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/068,601
Filing Date	02/05/2002
First Named Inventor	Hartness, Thomas P.
Art Unit	3721
Examiner Name	
Attorney Docket Number	HIE10C1

Sheet	Three	of	Three
-------	-------	----	-------

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
		DE 4216721 A1*	11-1993	Kettner		
				with English		
				translation		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

FORM PTO 1449



RECEIVED

SEP 09 2003

TECHNOLOGY CENTER R3700

Sheet 1 of 2

Atty Docket No.: HIE10

Information Disclosure
Statement by Applicant

Application
09/418,619
Filed 10-15-99

The following U.S. patent documents were submitted in (1) application serial no. 09/301,394, filed April 28, 1999, entitled **Continuous Motion Case Packing Apparatus and Method**, which is a continuation-in-part of application serial no. 09/137,327, filed August 20, 1998; which is a continuation of (2) application serial no. 08/736,376, filed October 24, 1996, entitled **Continuous Motion Case Packing Apparatus**, which is now U.S. Patent no. 5,797,249, issued on August 25, 1998, which is a continuation-in-part of (3) application no. 08/338,026 filed on November 10, 1994, entitled **Continuous Motion Case Packing Apparatus**, which is now United States Patent no. 5,588,282, issued on December 31, 1996.. Those patent documents denoted by (1) were submitted in application serial no. 09/301,394; those denoted by (2) were submitted in application serial no. 08/736,376, and those denoted by (3) were submitted in application serial no. 08/338,026. Additional U.S. documents submitted herewith are denoted by an asterisk.

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Name of Inventor	Class	Subclass	Filing Date
	(1) 1,481,259	01/22/1924	Harrison			1/19/1923
	(1) 1,538,406	05/19/1925	McCarty et al.			06/19/1924
	(1) 1,583,767	05/11/1926	Akins et al.			01/21/1925
	* 1,958,846	05/15/1934	Christensen			05/19/1930
	(3) 2,277,688	03/31/1942	Cattonar et al.	53	248	07/08/1938
	(1) 2,350,692	06/06/1944	Milek	294	116	12/28/1943
	(1) 2,730,279	01/10/1956	Enock	226	14	11/23/1951
	(1) 2,760,316	08/28/1956	Okulitch et al.	53	61	10/09/1952
	* 2,807,125	09/24/1957	George	53	166	09/08/1954
	* 2,860,763	11/18/1958	Kohrs et al.	198	33	07/31/1956
	(1) 3,012,811	12/12/1961	Sandrock	294	83	03/21/1960
	* 3,327,450	06/27/1967	Carter	53	61	08/12/1964
	* 3,410,050	11/12/1968	Bell	53	165	
	((3) 3,505,787	04/14/1970	Tiews	53	166	03/04/1968
	(2) 3,553,927	01/12/1971	Anglade, Jr.	53	26	03/13/1968
	(3) 3,553,932	01/12/1971	Rowekamp	53	539	02/05/1969
	(1) 3,555,770	01/19/1971	Rowekamp	53	61	01/28/1969
	(1) 3,555,773	01/19/1971	Rowekamp	53	166	06/23/1969
	(1) 3,648,427	03/14/1972	Raudat et al.	53	61	08/11/1970
	(1) 3,727,366	04/17/1973	Schlueter et al.	53	61	10/19/1970
	* 3,780,492	12/25/1973	Corderoy	53	247	02/02/1972
	(2) 3,805,476	04/23/1974	Kawamura et al.	53	26	02/16/1972
	(1) 3,971,190	07/27/1976	McGill	53	77	02/20/1975
	(2) 4,055,943	11/01/1977	Reichert	53	247	06/09/1976
	(3) 4,215,521	08/05/1980	Hartness	53	248	09/07/1978
	(3) 4,294,057	10/13/1981	Winiasz	53	244	04/21/1980
	(1) 4,300,330	11/17/1981	Hartness	53	539	11/13/1979
	(1) 4,446,672	05/08/1984	Raudat	53	448	08/31/1981
	(3) 4,457,121	07/03/1984	Johnson et al.	53	247	09/27/1982

	(3) 4,541,524	09/17/1985	McGill et al.	198	470	03/11/1983
	(3) 4,587,792	05/13/1986	Hartness et al.	53	382	08/06/1984
	(3) 4,723,649	02/09/1988	Hartness et al.	198	442	07/21/1986
	(3) 5,212,930	05/25/1993	Raudat	53	539	11/26/1991
	(2) 5,257,888	11/02/1993	Kronseder	414	416	11/12/1991
	(3) 5,313,764	05/24/1994	Kronseder	53	247	07/24/1991
	* 5,375,395	03/26/1996	Ingram et al.	53	473	10/28/1994
	(1) 5,487,257	1/1996	Domeier et al.	53	539	
	* 5,501,064	03/26/1996	Ingram et al.	53	473	10/28/1994
	* 5,555,709	09/17/1996	Savigny et al.	53	570	10/10/1995
	(3) 5,588,282	12/31/1996	Hartness	53	538	11/10/1994
	* 5,797,249	008/25/1998	Hartness	53	473	10/24/1996

Examiner:	Date Considered:
-----------	------------------

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(2)

FORM PTO 1449



Information Disclosure
Statement by Applicant

RECEIVED

SEP 09 2003

TECHNOLOGY CENTER R3700

Sheet 1 of 2

Atty Docket No.: HIE02CP2

09/30/394 Serial No.:

Applicant: Wiernicki, Richard M.

4-28-99 Filing Date:

US Patent 6,541,532 B1

The following U.S. patent documents were submitted in application serial no. 08/736,376, filed October 26, 1996, entitled Continuous Motion Case Packing Apparatus, which is now U.S. Patent no. 5,797,249, issued on August 25, 1998, which is a continuation-in-part of application no. 08/338,026. Those patent documents denoted by an asterisk were also submitted in application serial no. 08/338,026, filed November 10, 1994, entitled Continuous Motion Case Packing Apparatus, which is now U.S. Patent no. 5,588,282, issued on December 31, 1996.

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Name of Inventor	Class	Subclass	Filing Date
	1,481,259	01/22/1924	Harrison			1/19/1923
	1,538,406	05/19/1925	McCarty et al.			06/19/1924
	1,583,767	05/11/1926	Akins et al.			01/21/1925
	*2,277,888	03/31/1942	Cattonar et al.	53	248	07/08/1938
	2,350,692	06/06/1944	Milek	294	116	12/28/1943
	2,730,279	01/10/1956	Enock	226	14	11/23/1951
	2,760,316	08/28/1956	Okulitch et al.	53	61	10/09/1952
	3,012,811	12/12/1961	Sandrock	294	83	03/21/1960
	*3,505,787	04/14/1970	Tiews	53	166	03/04/1968
	3,553,927	01/12/1971	Anglade, Jr.	53	26	03/13/1968
	*3,553,932	01/12/1971	Rowekamp	53	539	02/05/1969
	3,555,770	01/19/1971	Rowekamp	53	61	01/28/1969
	3,555,773	01/19/1971	Rowekamp	53	166	06/23/1969
	3,648,427	03/14/1972	Raudat et al.	53	61	08/11/1970
	3,727,366	04/17/1973	Schlueter et al.	53	61	10/19/1970
	3,805,476	04/23/1974	Kawamura et al.	53	26	02/16/1972
	3,971,190	07/27/1976	McGill	53	77	02/20/1975
	4,055,943	11/01/1977	Reichert	53	247	06/09/1976
	*4,215,521	08/05/1980	Hartness	53	248	09/07/1978
	*4,294,057	10/13/1981	Winiasz	53	244	04/21/1980
	4,300,330	11/17/1981	Hartness	53	539	11/13/1979
	4,446,672	05/08/1984	Raudat	53	448	08/31/1981
	*4,457,121	07/03/1984	Johnson et al.	53	247	09/27/1982
	*4,541,524	09/17/1985	McGill et al.	198	470	03/11/1983
	*4,587,792	05/13/1986	Hartness et al.	53	382	08/08/1984
	*4,723,649	02/09/1988	Hartness et al.	198	442	07/21/1986
	*5,212,930	05/25/1993	Raudat	53	539	11/26/1991
	5,257,888	11/02/1993	Kronseider	414	416	11/12/1991
	*5,313,764	05/24/1994	Kronseider	53	247	07/24/1991
	5,487,257	1/1996	Domeier et al.	53	539	

	5,588,282	12/31/1996	Hartness	53	538	11/10/1994
--	-----------	------------	----------	----	-----	------------

Examiner:	Date Considered:
-----------	------------------

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

3

FORM PTO 1449



Information Disclosure
Statement by Applicant

RECEIVED

SEP 09 2003

TECHNOLOGY CENTER R3700

U.S. PATENT DOCUMENTS

Sheet of 1 of 1

Atty Docket No.: HIE02CP

Serial No.: 08/736,376

Applicant: Hartness, Thomas P.

Filing Date: 10/24/1996

Group: 3201

U.S. Patent 5,771,249

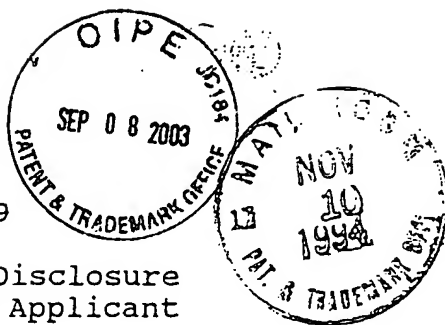
Examiner Initials	Document Number	Date	Name of Inventor	Class	Subclass	Filing Date
	*2,277,688	03/31/1942	Cattonar et al	226	14	07/08/1938
	*3,505,787	04/14/1970	Tiews	53	166	03/04/1968
	3,553,927	01/12/1971	Anglade, Jr.	53	26	03/13/1968
	*3,553,932	01/12/1971	Rowekamp	53	539	02/05/1969
	3,805,476	04/23/1974	Kawamura et al	53	26	02/16/1972
	4,055,943	11/01/1977	Reichert	53	247	06/09/1976
	*4,215,521	08/05/1980	Hartness	53	248	09/07/1978
	*4,294,057	10/13/1981	Winiasz	53	244	04/21/1980
	*4,457,121	07/03/1984	Johnson et al	53	56	09/27/1982
	*4,541,524	09/17/1985	McGill et al	198	470	03/11/1983
	*4,587,792	05/13/1986	Hartness et al	53	382	08/06/1984
	*4,723,649	02/09/1988	Hartness et al	198	442	07/21/1986
	*5,212,930	05/25/1993	Raudat	53	263	11/26/1991
	5,257,888	11/02/1993	Kronseder	414	416	11/12/1991
	*5,313,764	05/24/1994	Kronseder	53	247	07/24/1991

Examiner:

Date Considered:

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

4



#2
TN
2-1

FORM PTO 1449

Information Disclosure
Statement by Applicant

Sheet 1 of 1
Atty Docket No.: HIE02
08/338,026 - Serial No.:
Applicant: Hartness, Thomas P.
Nov. 10, 1994 - Filing Date:
3201 - Group:

FOREIGN PATENT DOCUMENTS

U.S. Patent 5,588,282

Examiner Initials	Document Number	Date	Country	Name	Class	Subclass	Filing Date

RECEIVED

SEP 09 2003

U.S. PATENT DOCUMENTS TECHNOLOGY CENTER R3700

Examiner Initials	Document Number	Date	Name of Inventor	Class	Subclass	Filing Date
Be	2,277,888	03/31/42	Cattone et al	228 53	248 ^F	07/08/38
Be	3,606,787	04/14/70	Tiwa	63	168	03/04/88
Be	3,563,932	01/12/71	Rowekamp	63	539	02/05/88
Be	4,216,621	08/06/80	Hartness	63	248	09/07/78
Be	4,284,067	10/13/81	Winiarz et al	63	244	04/21/80
Be	4,467,121 ✓	07/03/84	Johnson et al	63	247 ^x	09/27/82
Be	4,641,524	09/17/85	McGill et al	198	470.1	03/11/83
Be	4,587,792	06/13/86	Hartness, et al	63	382	08/08/84
Be	4,723,649	02/09/88	Hartness et al	198	442	07/21/86
Be	5,212,930	06/26/93	Raudat	63	539 ^x	11/26/91
Be	5,313,784	06/24/94	Kronseider	63	247	07/24/91

Examiner: J. F. COAN	Date Considered: 11/28/95
----------------------	---------------------------

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.